

LSI LOGIC

FAX COVER SHEET**RECEIVED
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LSI LOGIC CORPORATION
Office of General Counsel
1621 Barber Lane
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Milpitas, CA 95035
Fax: (408) 433-7460

Date: October 27, 2005
To Name: USPTO – MS: IDS
Fax: 571-273-8300
Phone: 703-305-8283

From: Name: Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.
Telephone: (408) 433-7475
Fax: (408) 433-7460

Re: 10/694,208

Number of Pages Including this Page 9

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MESSAGE:

Docket Number: 03-2064

Box: IDS

Group Art: 2825

Examiner: Paul Dinh

Please notify us immediately if any pages are not received.

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CENTRAL FAX CENTERPractitioner's Docket No. 03-2064

OCT 27 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Alexandre Andreev et al.

Serial No.: 10/694,208

Group Art Unit: 2825

Filed: October 27, 2003

Examiner: Paul Dinh

For: Process and Apparatus for Placement of Cells in an IC during Floor Plan Creation

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

- WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))
- BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c))
- AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d))

Pursuant to 37 CFR 1.56, Applicants hereby submit the references listed on the attached form PTO-1449 (modified). Copies of each of the references are enclosed.

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

- Deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
- Transmitted by facsimile to the Patent and Trademark Office

Date: 10/27/2005

Signature

Manu Kashyap

I. TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

A. THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b)).

The information disclosure statement transmitted herewith is being filed:

- (1) Within three months of the filing date of a national application.
- (2) Within three months of the date of entry of the national stage as set forth in 1.491 in an international application.
- (3) Before the mailing date of a first Office Action on the merits.
- (4) To the best of the undersigned's knowledge, the information disclosure statement submitted herewith is being filed before the mailing date of a first Office action on the merits under 37 C.F.R. 1.97(b)(3). However, in the event that the USPTO has mailed an Office Action not yet received by the undersigned, a statement under 37 C.F.R. 1.97(e) is enclosed, since the disclosures submitted herewith were received by Applicants less than three months prior to the mailing date of this submittal.

B. THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c)).

The information disclosure statement transmitted herewith is being filed before the mailing date of either a final action under 1.113 or a notice of allowance under 1.311, whichever occurs first, and is accompanied by either:

- (1) a statement as specified in 37 C.F.R. 1.97(e).
- (2) the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement under 1.97(c). (\$240.00).

C. ■ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d)).

The information disclosure statement transmitted herewith is being filed *after* a final action under 1.113, or a notice of allowance under 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d):

- (1) Accompanying this transmittal is a statement as specified in 37 C.F.R. 1.97(e).
- (2) Applicant hereby petitions for the consideration of the accompanying information disclosure statement under 37 C.F.R. 1.97(d)(2).
- (3) Applicant submits the petition fee set forth in 1.17(i) (\$130.00).

II. ■ STATEMENT FOR INFORMATION DISCLOSURE UNDER 37 C.F.R. 1.97(e)

I, the person(s) signing below state:

- (1) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(1).

OR

- (2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(2).

III. FEE DUE

- No Fee due under 37 C.F.R. 1.97(b).
- No Fee due under 37 C.F.R. 1.97(c).
- Fee under 37 C.F.R. 1.97(c) \$180.00 (37 C.F.R. 1.17(p)).
- Petition fee under 37 C.F.R. 1.97(d) \$130.00 (37 C.F.R. 1.17(i)).

IV. METHOD OF PAYMENT OF FEE

- Attached is a check for \$_____.
- Charge Account 12-2252 \$ 180.00.

If any additional fees are due, please charge Account 12-2252.

Respectfully submitted,



Timothy Croll
Attorney for Applicants
Registration No. 36,771
Telephone No. (408) 433-7625

Date: 27 Oct 05

Mailing Address:

Intellectual Property Law Department
LSI Logic Corporation
Mail Stop D-106
1621 Barber Lane
Milpitas, CA 95035

PTO/SB/08A (07-05)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ENTER BY (cont.)

Sheet 1 of 1

| Complete if Known | |
|------------------------|----------------|
| Application Number | 10/694,208 |
| Filing Date | 10/27/2003 |
| First Named Inventor | Andreev et al. |
| Art Unit | 2825 |
| Examiner Name | Paul Dinh |
| Attorney Docket Number | 03-2064 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | |
|-----------------------|--------------------|--|
| Examiner Signature | Date Considered | |
|-----------------------|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND ALL COMMUNICATIONS TO: PTOustomer Support, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box



PTO/SB/21 (12/97)
Approved for use through 9/30/2000. OMB 0651-0031
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|---|------------------------|-------------------|
| | | Application Number | 10/694,208 |
| | | Filing Date | October-27, 2003 |
| | | First Named Inventor | Alexandre Andreev |
| | | Group Art Unit | 2825 |
| | | Examiner Name | Dinh, Paul |
| Total number of pages in this submission | 8 | Attorney Docket Number | 03-2064 |

ENCLOSURES (check all that apply)

| | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and |
| <input type="checkbox"/> Amendment/Response | <input type="checkbox"/> Licensing-related Paper | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/89) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits(s)/declaration(s) | <input type="checkbox"/> To Convert a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of time request | <input type="checkbox"/> Power of Attorney, Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> 1. Return address postcard for PTO mailroom to date stamp. |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | Remarks |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-----------------|--|
| Individual Name | Timothy Croll, Reg. No. 36,771, Phone: [+1] 408-433-7475 |
| Signature | |
| Date | 10-27-05 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to:
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

| | |
|-----------------------|--|
| Typed or printed name | Manu Kashyap, Phone: [+1] 408-433-7475 |
| Signature | |
| Date | 10-27-05 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.
Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/694,208 |
| Filing Date | October-27, 2003 |
| First Named Inventor | Alexandre Andreev |
| Group Art Unit | 2825 |
| Examiner Name | Paul Dinh |
| Attorney Docket No. | /03-2064 |

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METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number 12-2252

Deposit Account Number LSI LOGIC CORPORATION

 Charge Any Additional Fee Required Under 37 Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

2. Payment Enclosed:

 Chec Money Order Other**FEE CALCULATION****1. BASIC FILING FEE**

| Larg eFee Code (\$) | Entit yFee Code (\$) | Larg eFee Code (\$) | Entit yFee Code (\$) | Fee Description | Fee Paid |
|---------------------|----------------------|---------------------|----------------------|------------------------|----------|
| 101 | 790 | 201 | 395 | Utility filing fee | |
| 106 | 330 | 208 | 165 | Design filing fee | |
| 107 | 540 | 207 | 270 | Plant filing fee | |
| 108 | 790 | 208 | 395 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |

SUBTOTAL (1) (\$0.00)**2. EXTRA CLAIM FEES**

| Extra Claim | Fee from below | Fee Paid |
|--------------------|----------------|----------|
| Total claim -20**= | = | |
| Independent -3*= | = | |
| Multiple Dependent | = | |

**or number previously paid, if greater; For Reissues, see below

| Larg eFee Code (\$) | Entit yFee Code (\$) | Larg eFee Code (\$) | Entit yFee Code (\$) | Fee Description | Fee Paid |
|---------------------|----------------------|---------------------|----------------------|---|----------|
| 103 | 22 | 203 | 11 | Claims in excess of 20 | |
| 102 | 82 | 202 | 41 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 82 | 209 | 41 | **Reissue independent claims over original patent | |
| 110 | 22 | 210 | 11 | **Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$0.00)**3. ADDITIONAL FEES**

| Larg eFee Code (\$) | Entit yFee Code (\$) | Larg eFee Code (\$) | Entit yFee Code (\$) | Fee Description | Fee Paid |
|---------------------|----------------------|---------------------|----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing request for reexamination | |
| 112 | 920* | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 118 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 950 | 217 | 475 | Extension for reply within third month | |
| 118 | 1,510 | 218 | 755 | Extension for reply within fourth month | |
| 128 | 2,080 | 228 | 1,030 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to Institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,320 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 670 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commission | |
| 123 | 50 | 123 | 50 | Petitions related to provisional application | |
| 128 | 240 | 128 | 240 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 681 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129 (b)) | |
| Other fee (specify) | | | | | |
| Other fee (specify) | | | | | |

SUBTOTAL (3) (\$180.00)

*Reduced by Basic Filing Fee Paid

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OCT 28 2005

SUBMITTED BY**Complete (if applicable)**

| | | | |
|-----------------------|----------------------|-------------|----------|
| Typed or printed name | Timothy Croll | Reg. Number | 36,771 |
| Signature | <i>Timothy Croll</i> | Date | 27-10-05 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents.

PAGE 3/9 * RCVD AT 10/27/2005 6:17:50 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/26 * DNI:2738300 * CSID:4084337460 * DURATION (mm:ss):02:30